

FORECASTING AND CONTROLLING NEUROLOGICAL DISTURBANCES

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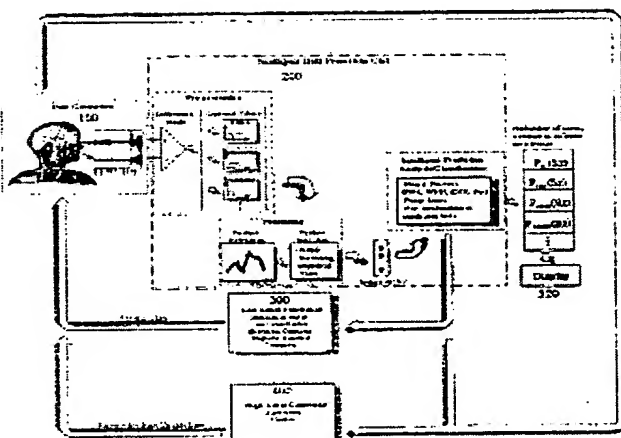
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Abstract of CA2425122

A method and apparatus for forecasting and controlling neurological Abnormalities in humans such as seizures or other brain disturbances. The system is based on a multi-level control strategy (200). Forecasting is achieved by indicating the probability of an oncoming seizure within one or more time frames, which is accomplished through an inner-loop control law and a feedback necessary to prevent or control the neurological event by either electrical, chemical, cognitive, sensory, and/or magnetic stimulation (300).



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